

Powerful entertainment and computing performance.**CUTTING-EDGE PERFORMANCE**

The VAIO® FE Notebook comes with an optional Intel® Centrino® Duo platform with an optional Intel® Core™ 2 Duo processor for outstanding multi-tasking performance. It also boasts hardware solutions to power you through your most demanding tasks, including a super-fast 5400rpm Serial ATA hard drive (available on select models) and advanced DDR2 memory for ultra high-speed computing with low power consumption.

EXCEPTIONAL ENTERTAINMENT EXPERIENCE

The VAIO® FE Notebook features a wider, brighter 15.4" widescreen display¹¹ with XBRITE-HiColor™ or XBRITE-ECO™ LCD technology. Screen movies with extraordinary color purity and saturation, even in the bright light of day. You can also access and enjoy your digital entertainment with ease with the optional Windows® XP Media Center Edition 2005 for intelligent control of your entertainment content.

CONNECTIVITY FOR ALL YOUR NEEDS

The VAIO® FE Notebook supports ExpressCard™, an emerging standard in smaller, faster PC card solutions. The VAIO FE also includes S-video, enabling convenient connectivity to TVs, cameras, projectors and more, while integrated 802.11a/b/g/ wireless LAN³ makes it possible for you to easily connect to a broad range of networks and peripherals both inside and outside of the office.

MESSAGING

Easily navigate through all of your entertainment content when you select Microsoft® Windows® XP Media Center Edition 2005.

Increase your connectivity options with 802.11a/b/g integrated wireless LAN³.

Integrated camera and microphone lets you chat and video mail with family and friends¹².

Enjoy thrilling graphics and exceptional DVD viewing with 15.4" widescreen¹¹ display with XBRITE-HiColor™ or XBRITE-ECO™ LCD technology.

Cutting-edge mobile performance with optional Intel® Centrino® Duo with Intel® Core™ 2 Duo processor.

Edit and burn customized DVDs when you select the DVD±R Double Layer/DVD±RW drive⁴ and Click to DVD® software.

Microsoft® Windows Vista™ Premium Ready.

Work and play go hand-in-hand with the VAIO® FE Notebook, combining cutting-edge performance with ample workspace while maintaining a slim, lightweight design. With an optional super-fast Intel® Core™ 2 Duo processor and a stunning 15.4" widescreen display¹¹, you can take full advantage of Windows® XP Operating System and exceptional picture and sound. The VAIO® FE Notebook is a "Windows Vista™ Premium Ready" PC.



Specifications

General

Computer Type: Notebook

Type of Use: Portable

Action Buttons: S1, S2 (programmable), Volume and Mute

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch

Pointing Device: Electro-Static touch pad

Hardware

Docking Station: Docking station connector

Camera: Built-in camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T7600 (Configuration 1), Intel® Core™ 2 Duo Processor T7400 (Configuration 2), Intel® Core™ 2 Duo Processor T7200 (Configuration 3), Intel® Core™ 2 Duo Processor T5600 (Configuration 4), Intel® Core™ 2 Duo Processor T5500 (Configuration 5), Intel® Celeron® M Processor 430 (Configuration 6) or Intel® Celeron® M Processor 420 (Configuration 7)

Speed: 2.33GHz¹ (Configuration 1), 2.16GHz² (Configuration 2), 2GHz² (Configuration 3), 1.83GHz² (Configuration 4), 1.66GHz² (Configuration 5), 1.73GHz² (Configuration 6) or 1.66GHz² (Configuration 7)

Front Side Bus Speed: 667MHz (Configuration 1-5) or 533MHz (Configuration 6-7)

L2 Cache: 4MB (Configuration 1-3), 2MB (Configuration 4-5) or 1MB (Configuration 6-7)

Technology: Intel® Centrino® Duo Mobile Technology (Only available on Configuration 1-5)

Memory

Type: DDR2

Installed: 2GB (1GBx2) PC2-4200, 1GB (1GBx1) PC2-4200, 1GB (512MBx2) PC2-4200 or 512MB (512MBx1) PC2-4200

Maximum: 2GB

Speed: 533MHz

Hard Drive

Capacity: 200GB² (Configuration 1), 160GB² (Configuration 2), 120GB² (Configuration 3), 100GB² (Configuration 4), 80GB² (Configuration 5), 60GB² (Configuration 6) or 40GB² (Configuration 7)

Speed: 4200rpm (Configuration 1-2) or 5400rpm (Configuration 3-7)

Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max. (DVD±R DL/DVD±RW)

DVD+R Write: 8x max. (DVD±R DL/DVD±RW)

DVD+RW Write: 8x max. (DVD±R DL/DVD±RW)

DVD-R Write: 8x max. (DVD±R DL/DVD±RW)

DVD-RW Write: 6x max. (DVD±R DL/DVD±RW)

CD-R Write: 24x max. (DVD±R DL/DVD±RW)

24x max. (CD-RW/DVD-ROM)

CD-RW Write: 16x max. (DVD±R DL/DVD±RW)

16x max. (CD-RW/DVD-ROM)

DVD±RW: Yes* (DVD±R DL/DVD±RW)

CD Read: 24x max. (DVD±R DL/DVD±RW)

24x max. (CD-RW/DVD-ROM)

DVD Read: 8x max. (DVD±R DL/DVD±RW)

8x max. (CD-RW/DVD-ROM)

DVD-R DL Write: 4x max. (DVD±R DL/DVD±RW)

DVD-RAM Read: 5x max. (DVD±R DL/DVD±RW)

Expansion Slots

Multimedia Card Reader: Memory Stick Duo™ media with MagicGate® functionality
ExpressCard™/34 Slot: 5-in-1 Memory Card Adaptor (VGP-MCA20) supporting Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card, and MultiMediaCard (MMC)
PCMCIA - Type II/Type I card slot with CardBus support

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD

Screen Size: 15.4"¹¹

Resolution: 1280 x 800

XBRITE HiColor™ Technology: Optional

XBRITE-ECO™ Technology: Optional (Gray option only available with XBRITE-ECO™ Technology)

Graphics

Processor: Intel® Graphics Media Accelerator 950 (Configuration 1), NVIDIA® GeForce® Go 7600 (Configuration 2) or NVIDIA® GeForce® Go 7400 with NVIDIA® TurboCache™ (Configuration 3) (Gray model only available with Go 7400 Graphics option)

Video RAM: 128MB [Dynamically Allocated Shared (RAM/Video) Memory] (Configuration 1), 128MB (Configuration 2) or TurboCache™ supporting 256MB (Configuration 3)

Chipset: Intel® 945GM (Configuration 1)
Intel® 945PM (Configuration 2-3)

Interface: VGA Out with Smart Display Sensor

Inputs and Outputs

Headphone Jack: 1

i.LINK® Interface: 1(4-pin)⁶

Memory Stick® Media Slot: 1

Microphone Input: 1

S-Video Output(s): 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)

Ethernet Speed: 10Base-T/100Base-TX

Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Wireless LAN: Intel® PRO/Wireless 3945ABG Network Connection (802.11a/b/g)³

Bluetooth® Technology: Integrated Bluetooth® technology⁵ or none

Power

Battery Type: Optional Standard Lithium-ion Battery (VGP-BPS2B) or Optional Large Capacity Battery (VGP-BPL2C)

Estimated Battery Life: TBD hours⁷

Power Requirements: 110W+10%

Software

Operating System: Microsoft® Windows® XP Media Center Edition 2005 with Update Rollup 2,
Microsoft® Windows® XP Professional with Service Pack 2 or
Microsoft® Windows® XP Home Edition with Service Pack 2

Internet Services: America Online® 280-Day Trial - New Users Only

Anti-Virus and Recovery Software: Norton® Internet Security™ 60-Day Subscription
TrendMicro™ Anti-Spyware 30-Day Trial
Iolo® System Mechanic 30-Day Trial
VAIO® Security Center
VAIO® Update software
VAIO® Recovery Wizard software
VAIO® Support Central

Supplied Software: Microsoft® Works 8.5
60-Day Trial Version of Microsoft® Office 2003¹⁰
60-Day Trial Version of Microsoft® Digital Image Starter Edition 2006¹³

Intuit® Quicken® 2006 New User Edition (previous Quicken users may require additional upgrade)
InterVideo® WinDVD®
Roxio® DigitalMedia SE
DISCover My Games

Sony® Original Software: Click to DVD® - DVD Creation (Only available on DVD±R DL/DVD±RW Drive*)
DVgate Plus™ - Digital Video
SonicStage Mastering Studio™ - Audio Mastering and Remastering
SonicStage® - Digital Music
VAIO Media™ - Network File Sharing
Image Converter - PSP™ Transfer
Trial Version of Sony® Popular Games

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7⁹

Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service⁹

Online and Email Support: Support available from
http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 6.17 lbs. with standard battery (weight is approximate and may vary)

Measurements: 14.41"(W) x 1.02"-1.39"(H) x 10.81"(D)

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS2B) or Large Capacity Lithium-ion battery (VGP-BPL2C)

AC adapter (VGP-AC19V13)

Memory Card Adapter (VGP-MCA20)

Power Cord

Optional Accessories

Multi Function Docking Station (VGP-PRFE1)

Multi Function Bay Drive, 4 USB 2.0, GB Ethernet, DVI-D, VGA out, RCA Video out, S-Video out and Kensington lock

Additional Standard Capacity Battery (VGP-BPS2C)

Large Capacity Battery (VGP-BPL2C)

AC Adapter (VGP-AC19V10)

1GB Memory Expansion Module (VGP-MM1GA)

512MB Memory Expansion Module (VGP-MM512M)

Battery Charger (VGP-BC1)

Wireless Presentation Mouse (VGP-WMS50)

Neoprene Notebook & AC Adapter (VGP-AMC3)

Color: Charcoal Gray, White

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point(s). Some features may rely on Internet service which may require a fee.
4. DVD Media/Formats are not universally compatible.
5. Interoperability among Bluetooth® devices varies.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
9. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
10. The Microsoft Office 2003 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
11. Viewable area measured diagonally.
12. Broadband Internet service required along with third-party services which may require a subscription fee or other service fee.
13. The Microsoft Digital Image Starter Edition 2006 60-Day Trial software included with this computer system is intended for evaluation purposes only. The software has been partially installed and you must complete installation of the software before you can use it. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations.
14. NVIDIA® TurboCache™ technology combines the size and bandwidth of video memory and dynamically available system memory for optimal service performance.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the compatibility of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

©2006 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, Memory Stick, SonicStage, SonicStage Mastering Studio, VAIO, XBRITE-ECO, XBRITE-HiColor, Memory Stick PRO, Memory Stick PRO Duo, MagicGate, Click to DVD, DVgate Plus, VAIO Media and like no other are trademarks of Sony. PSP is a trademark of Sony Computer Entertainment America, Inc. Intel, Celeron and Centrino are registered trademarks and Core is a trademark of Intel Corporation. Microsoft and Windows are registered trademarks and Windows Vista is a trademark of Microsoft Corporation. All other trademarks are trademarks of their respective owners. Respected and dated 08/21/2006
Printed in U.S.A. 08/06